New!

AV SERIES
SECURITY PUSHBUTTON SWITCHES

C

SPECIFICATIONS

Contact ratings: Max. resistive loads: **Q** - 3 A 120 VAC or 28 VDC, 1.5 A 250 VAC - 10,000 cycles min. Also 1 A 120 VAC or 28 VDC, 0.5 A 250 VAC - 250,000 cycles min. **B** - 0.4 Volt-Amps max at 20 V max. - 250,000 cycles min.
(and life)
Initial contact resistance: 10 mΩ max. at 3 V, 0.1 A
Insulation resistance: 10,000 megohms min.
Dielectric strength: 1000 V rms min.
Operating temperature range: -30°C to +85°C
For additional specifications: See 300 Series switches

FEATURES

- **.755" (19 mm) dia. models.**
- **Single pole NO momentary action.**
- **Standard - sealing protection per IP547 or IP549.**
- **Optional - sealing protection per IP657 or IP659.**
- **Extremely rugged and durable.**

MATERIALS

Contacts: **Q** - Coin silver for power & UL models. **B** - Gold over nickel over brass for dry circuit models.
Bushing & Actuator: Nickel plated brass (std'd)
Case: Diallyl Phthalate **Hex. Mounting Nut:** Nickel plated brass

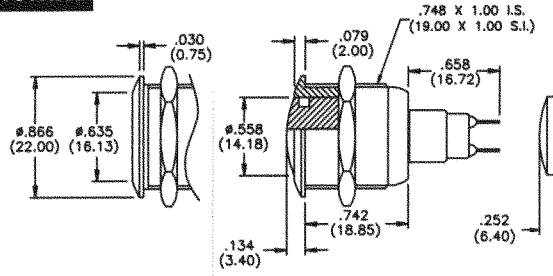
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

ORDER FORMAT: For complete model no., fill in boxes with selected options shown below. Example of complete model no. - **AV19301ZQEK/UL**

Series	Bush./Act. Config.	Body Style	Term. Type	Cont. Matl.	Term. Seal	Sealing	Agency Recognition
AV	09 19 29 39 49	301 305	Z	B Q	E	Blank K	Blank U L

19mm

Bushing/Actuator configuration

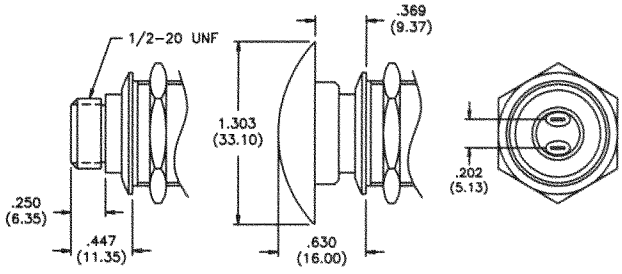


09 flat Act. & curved Bushing

19 curved Act. & Bushing (standard)

29 extended Act. & curved bushing

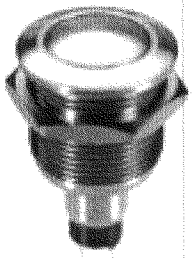
Solder lug terminals - (Z)



39 threaded Act. & curved bushing

49 thd'd Act. with mushroom cap & curved bushing

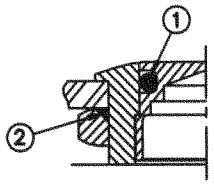
Rear view all models



AV19301ZQE/UL (Model shown)

Schematic

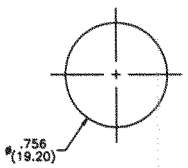
Blank - no sealing (std'd)



K (1) Internal seal & (2) front panel seals meet IP65

Sealing

Min. dimensions for matrix mounting: .984" (25mm) x .984" (25mm).



Mounting Hole

Notes to Order Format:

301 models have .020" (0.5mm) overtravel and .110" (2.79mm) total travel.

305 models have .080" (2.03mm) overtravel and .110" (2.79mm) total travel.

UL option available only with Q option. UL rating: 1 A 125 VAC or 0.5 A 250 VAC (75% power factor). UL file E66367.

E option is epoxy terminal seal - standard .

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